

FIG.1

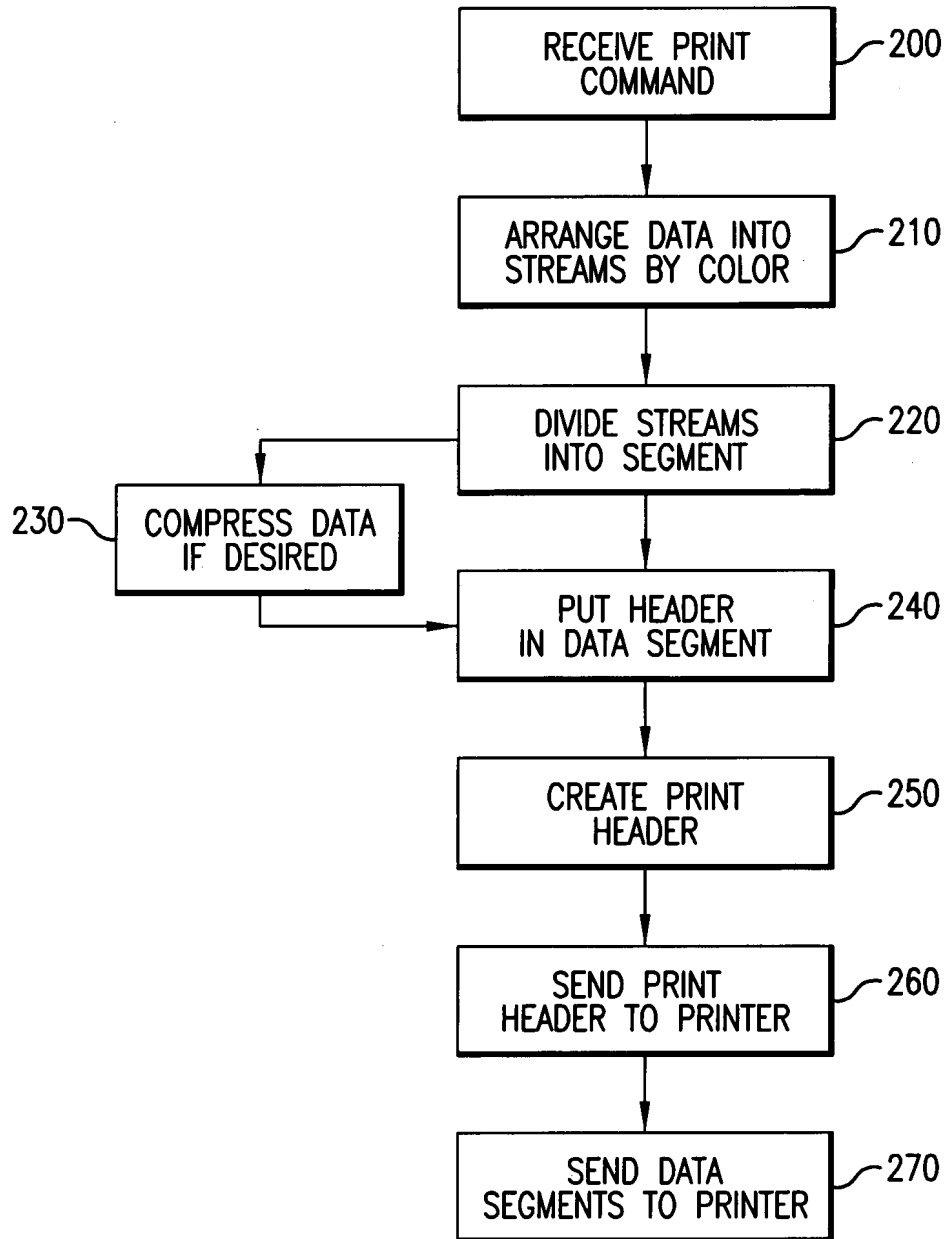


FIG.2

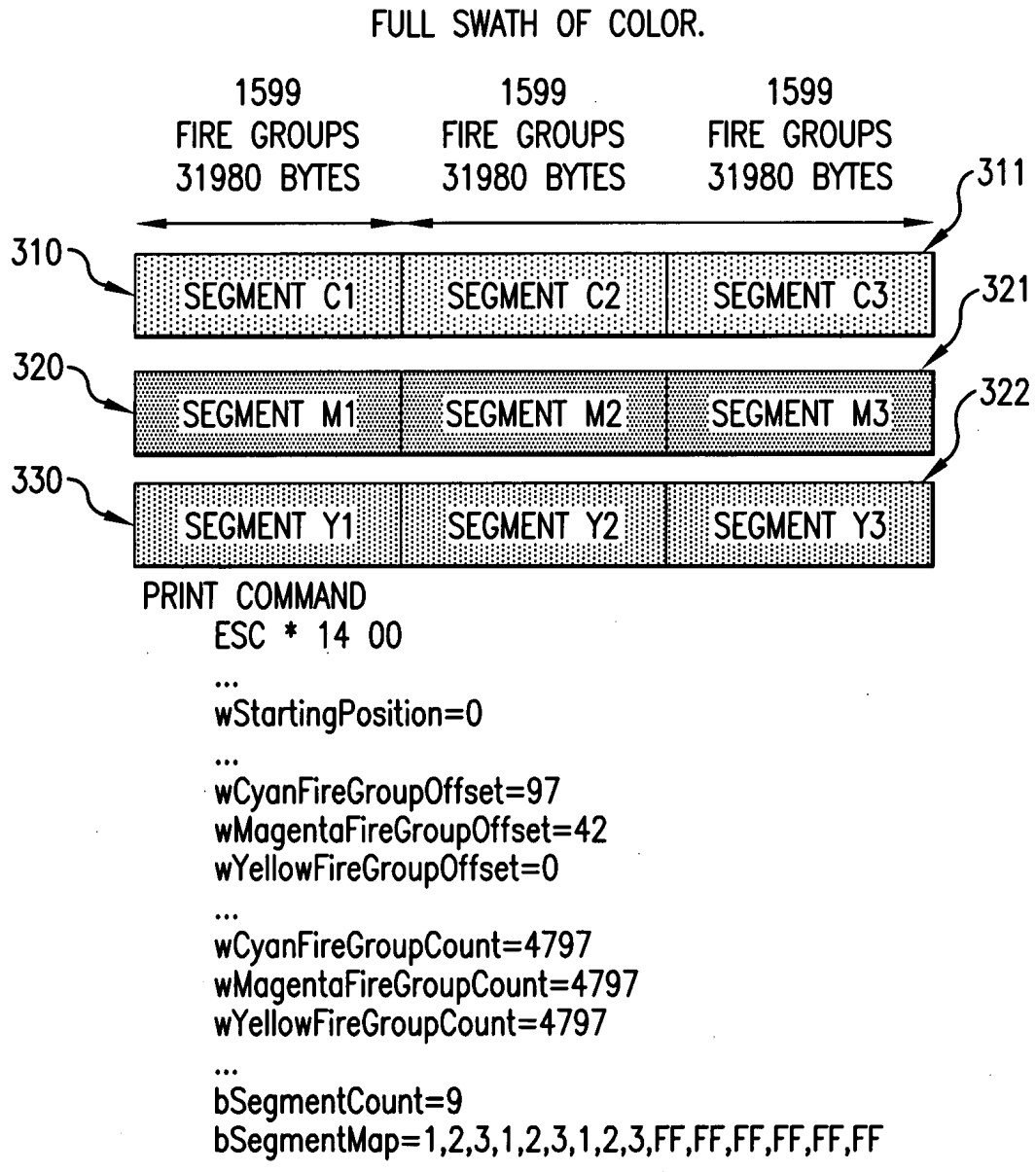


FIG. 3

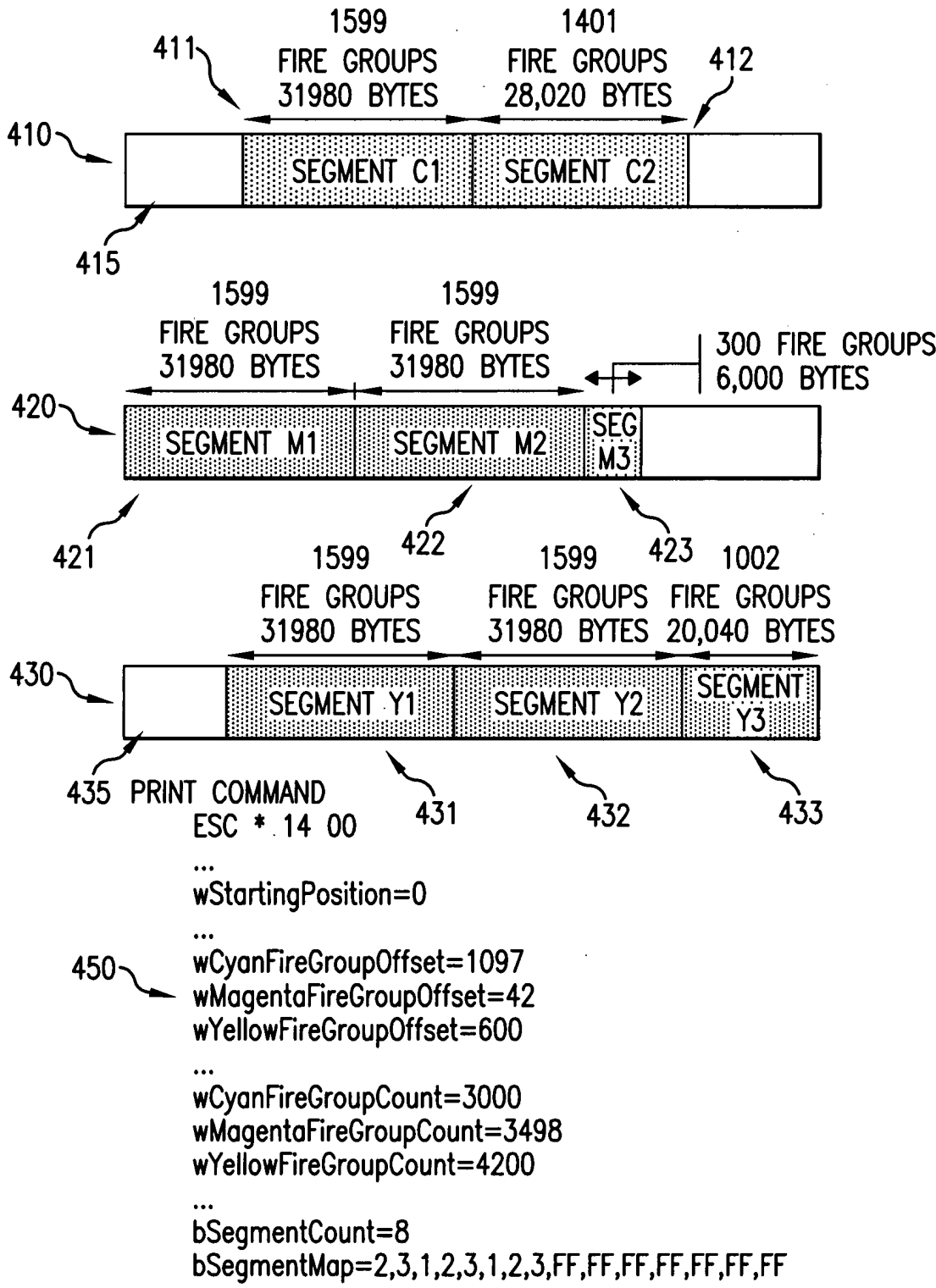
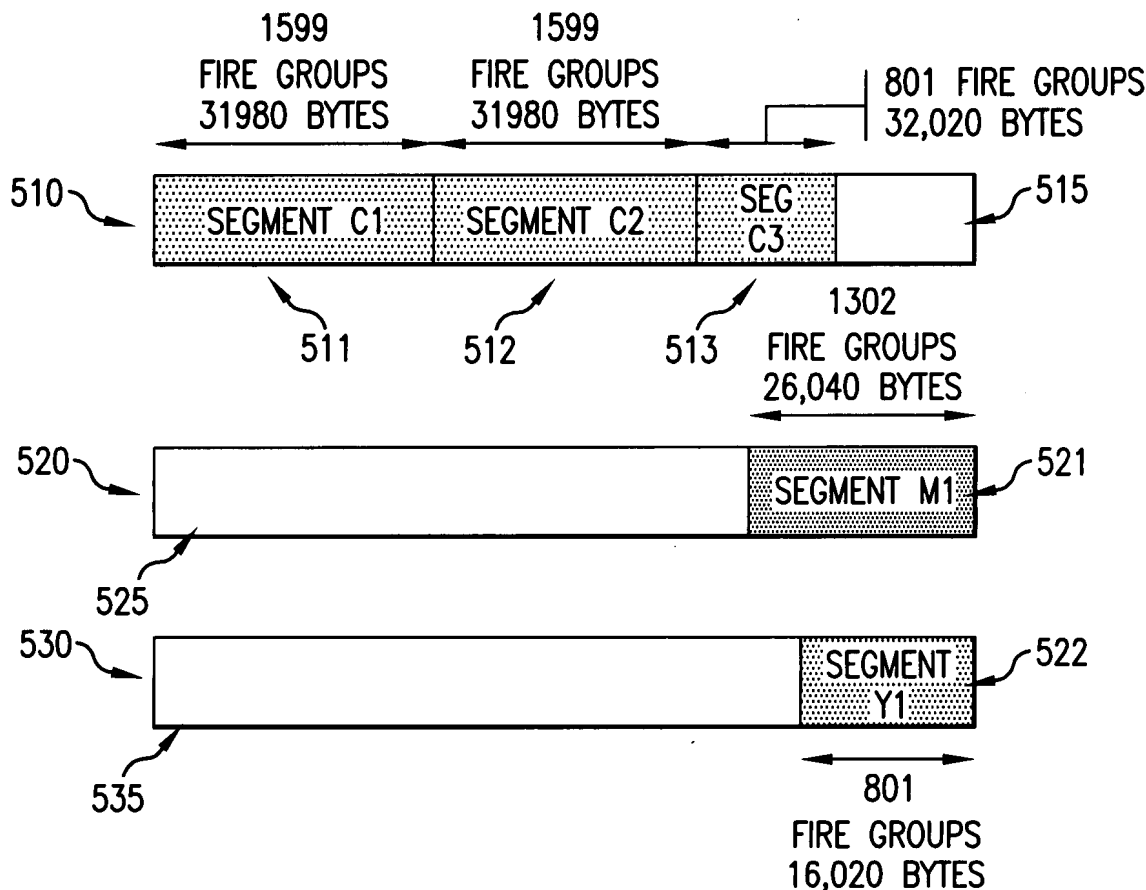


FIG.4



MOSTLY EMPTY COLORS.



THE FOLLOWING SEGMENTS ABOVE ARE SENT IN ORDER:
 C1, C2, C3, M1, Y1.

PRINT COMMAND

ESC * 14 00

...

wStartingPosition=0

...

wCyanFireGroupOffset=97

wMagentaFireGroupOffset=3542

wYellowFireGroupOffset=4000

wCyanFireGroupCount=3999

wMagentaFireGroupCount=1302

wYellowFireGroupCount=801

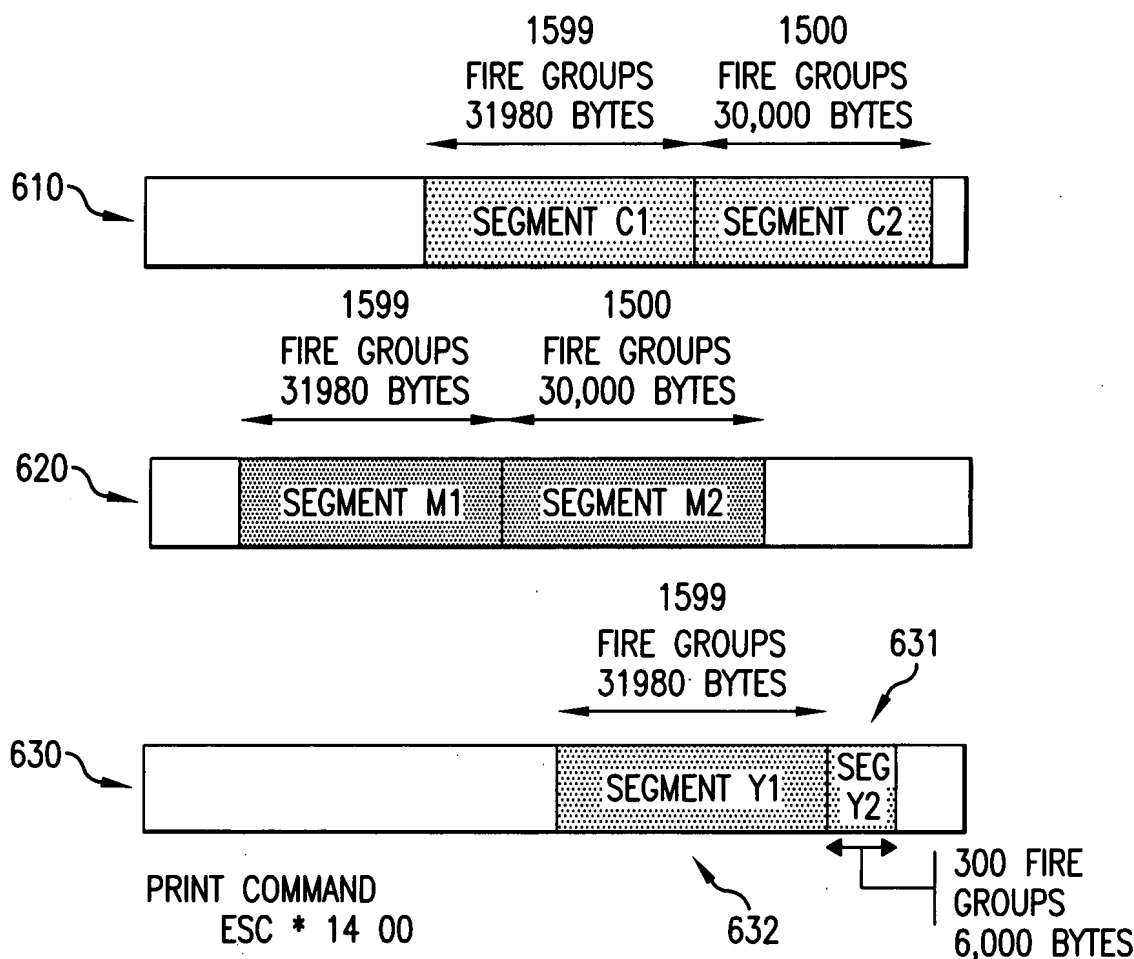
bSegmentCount=5

bSegmentMap=1,1,1,2,3,FF,FF,FF,FF,FF,FF,FF,FF,FF,FF

FIG.5



MINIMUM SEGMENT SIZE



...
 wStartitng Position=5600 (4800ths) (= 700 FIREGROUPS)

...
 wCyanFireGroupOffset=997
 wMagentaFireGroupOffset=42
 wYellowFireGroupOffset=2200

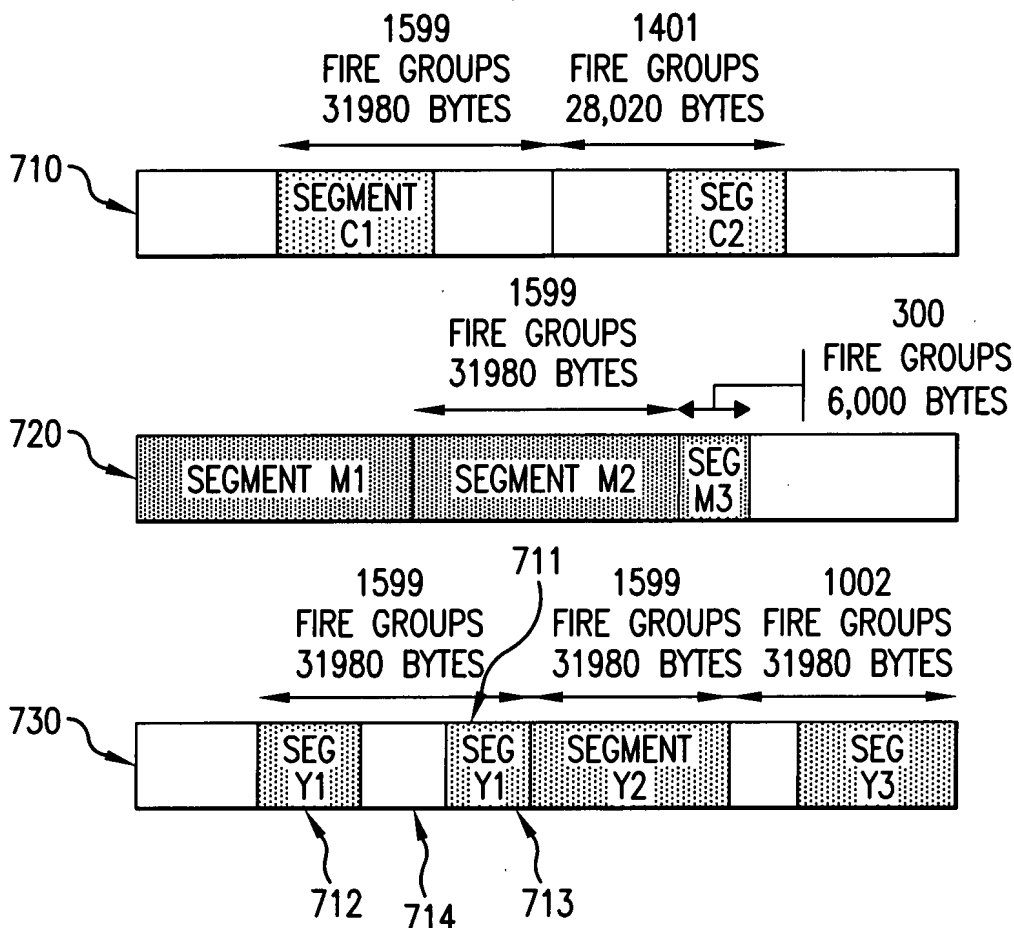
...
 wCyanFireGroupCount=3099
 wMagentaFireGroupCount=3099
 wYellowFireGroupCount=1899

...
 bSegmentCount=6
 bSegmentMap=2,1,2,1,3,3,FF,FF,FF,FF,FF,FF,FF,FF,FF

FIG.6



NON-CONTIGUOUS COLOR.



THE FOLLOWING SEGMENTS ARE SENT IN ORDER:
 M1, Y1, C1, M2, Y2, C2, M3, Y3.

PRINT COMMAND

ESC * 14 00

...
 wStartingPosition=0

...
 wCyanFireGroupOffset=1097
 wMagentaFireGroupOffset=42
 wYellowFireGroupOffset=600

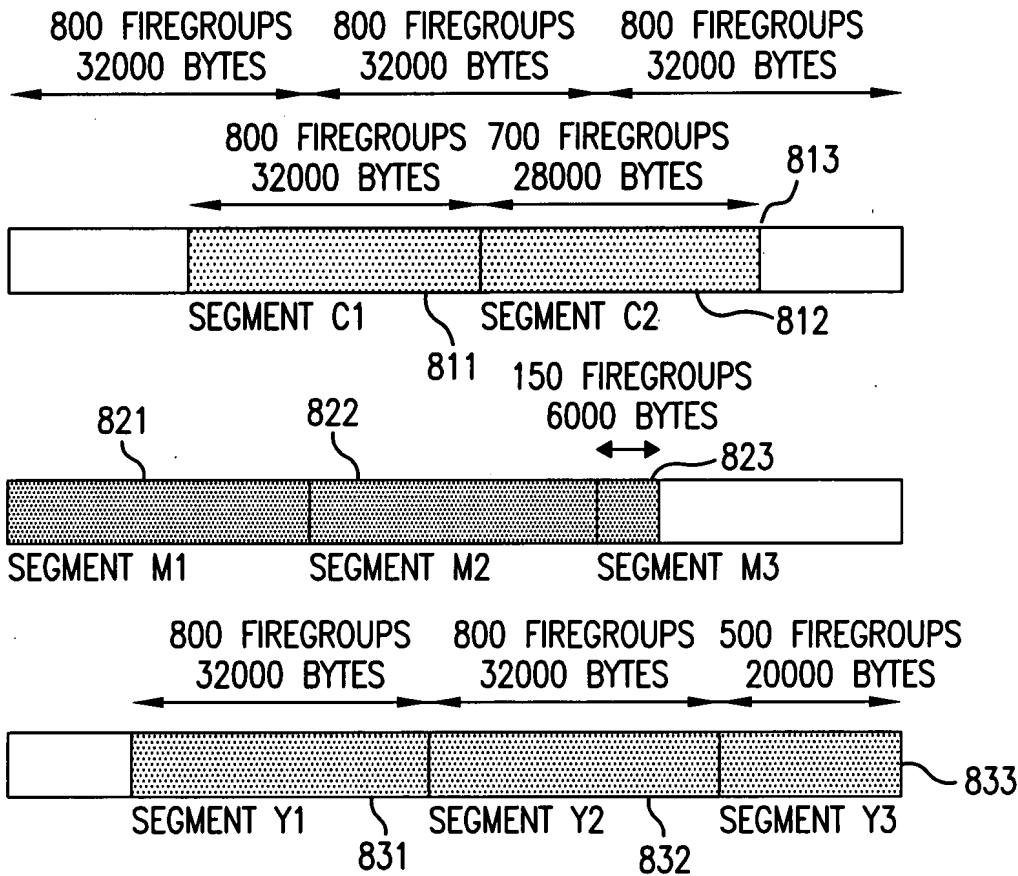
...
 wCyanFireGroupCount=3000
 wMagentaFireGroupCount=3498
 wYellowFireGroupCount=4200

...
 bSegmentCount=8
 bSegmentMap=2,3,1,2,3,1,2,3,FF,FF,FF,FF,FF,FF,FF,FF

FIG.7



METHOD 1

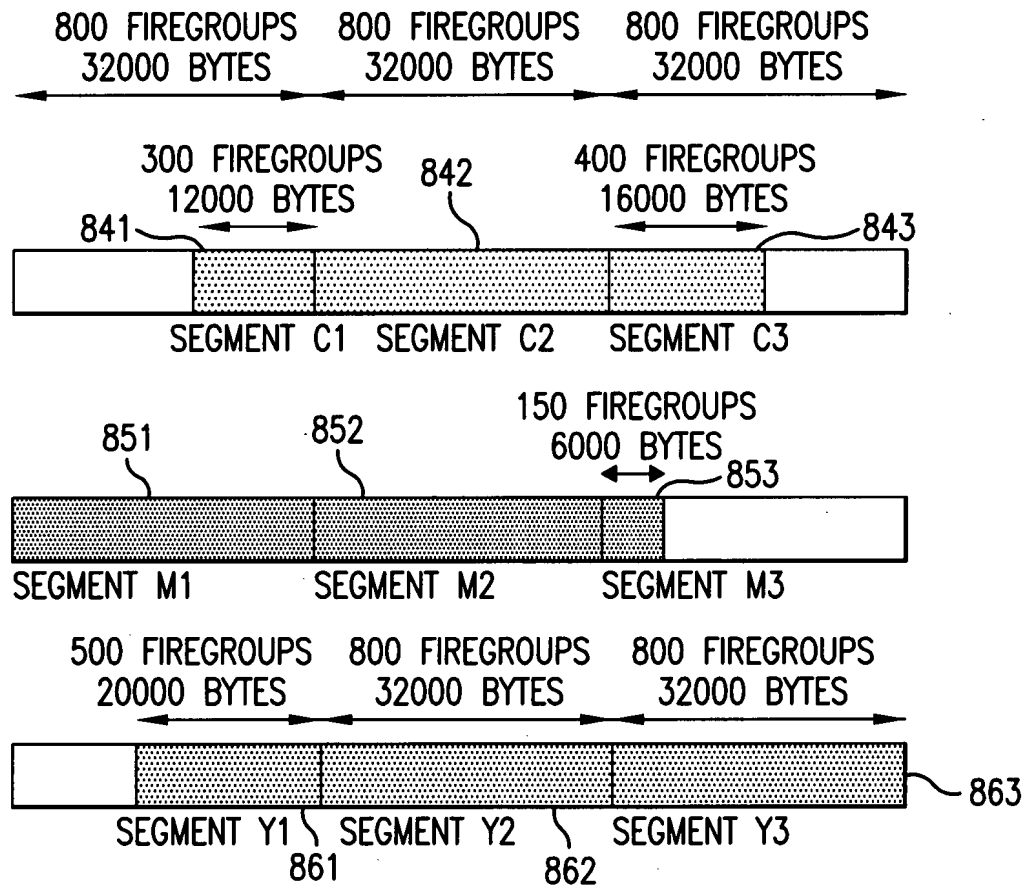


SEGMENTS SENT IN THE FOLLOWING ORDER: M1, Y1, C1, M2, Y2, C2, M3, Y3

FIG.8A



METHOD 2



SEGMENTS SENT IN THE FOLLOWING ORDER:
M1, Y1, C1, M2, Y2, C2, M3, C3, Y3

FIG.8B



HANDLING MULTIPLE COMPRESSED DATA STREAMS - TRANSFORM TASK

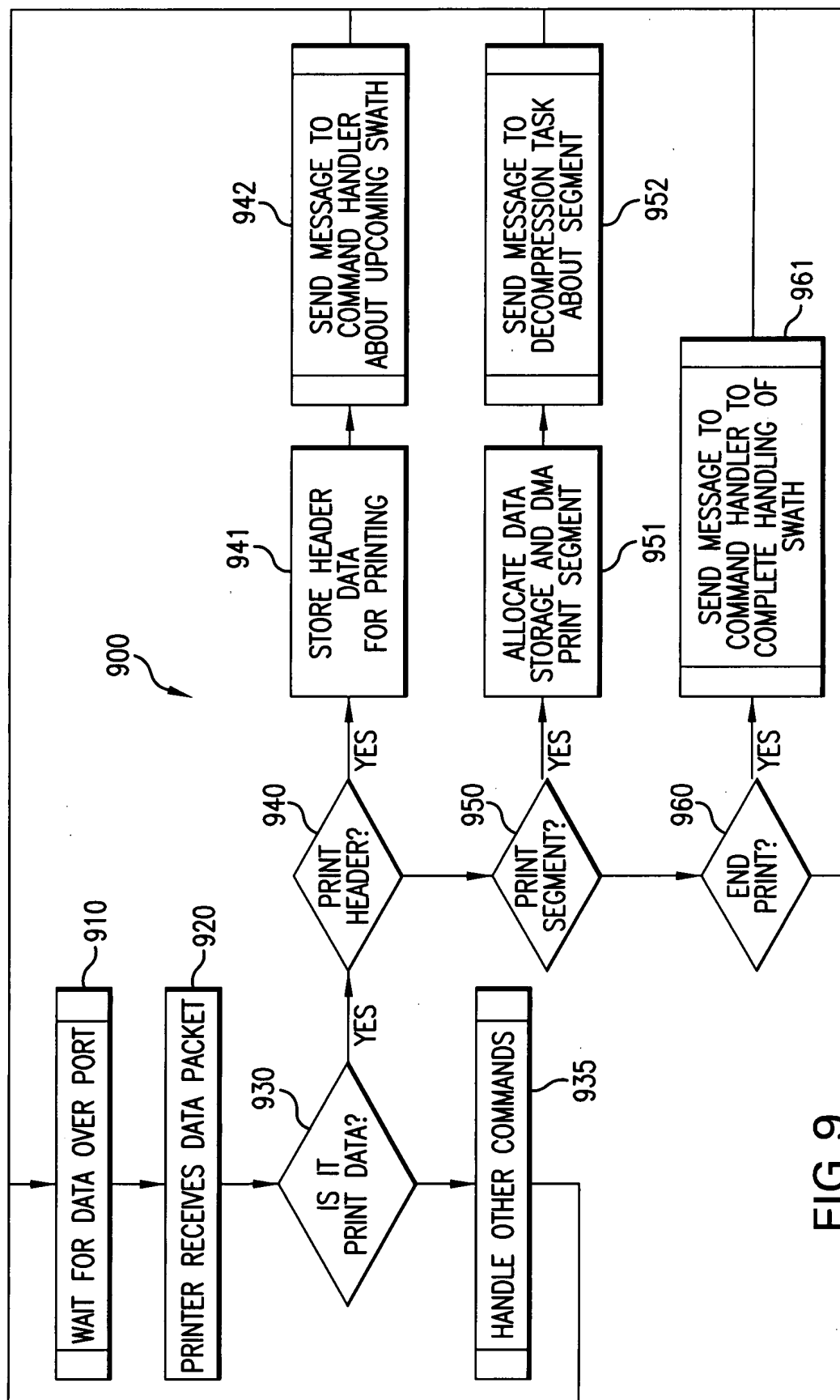


FIG.9

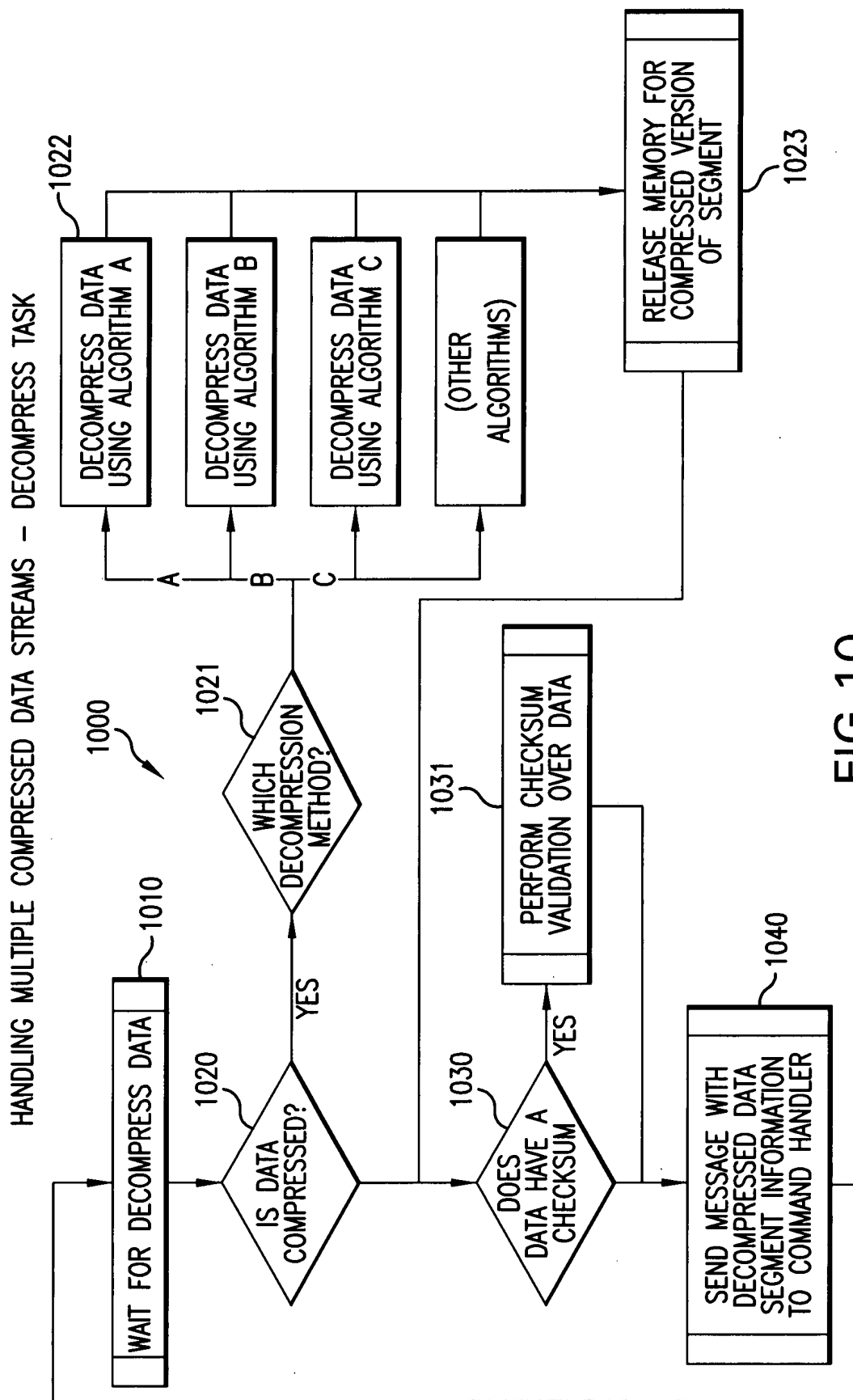


FIG.10



HANDLING MULTIPLE COMPRESSED DATA STREAMS - COMMAND HANDLER TASK

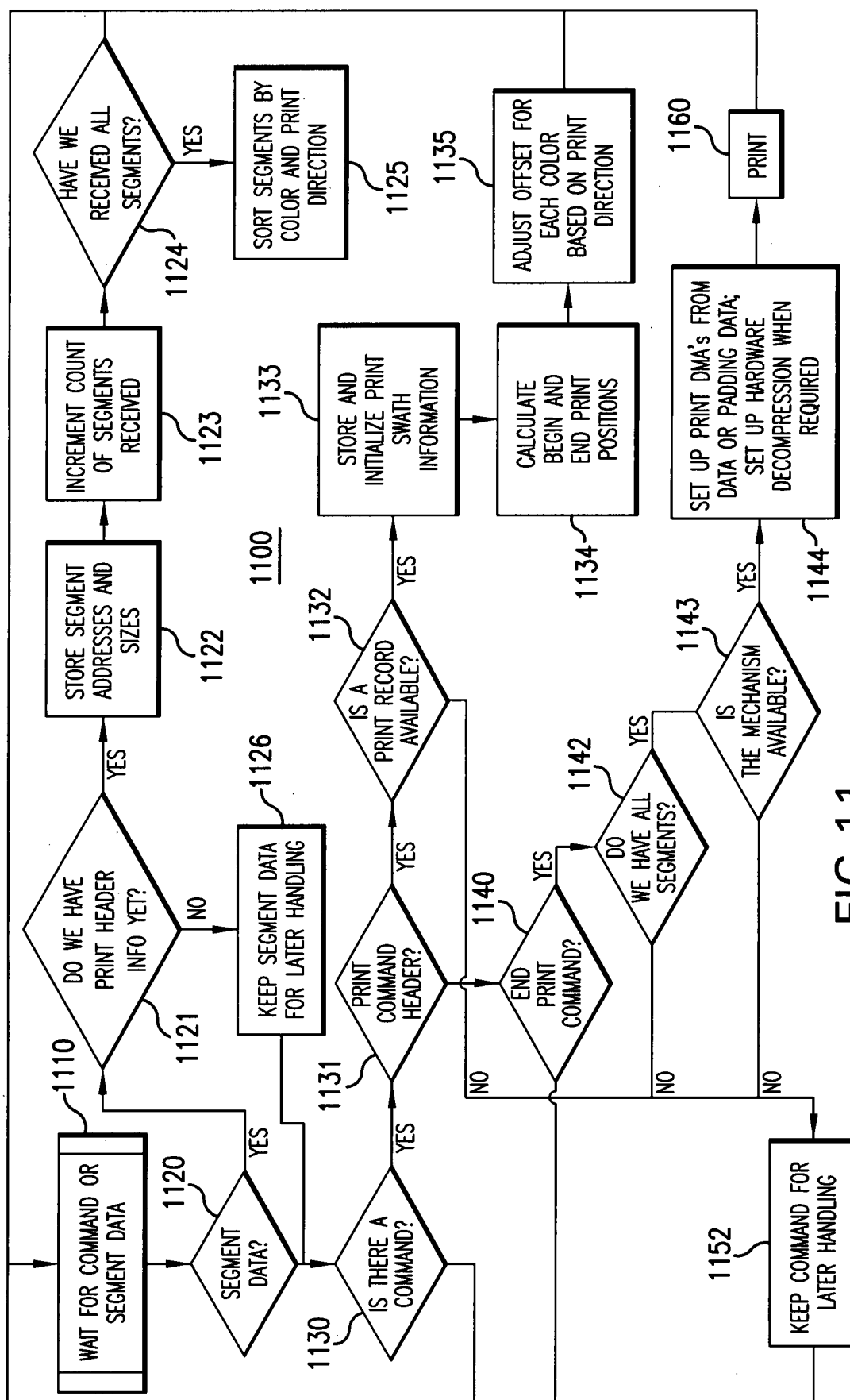


FIG.11